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#### 1 [Space Filling Curves versus Random Walks](#)

[Edouard Bunnion](#), [Thomas Roos](#), [Roger Wattenhofer](#), [Peter Widmayer](#)

September 1996 Algorithmic Foundations of Geographic Information Systems, this book originated from the CISM Advanced School on the Algorithmic Foundations of Geographic Information Systems

**Publisher:** Springer-Verlag

 Additional Information: [full citation](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

#### 2 [Neural Processing Letters: Volume 9 Issue 1](#)

[Francis Blayo](#), [Mohamad H. Hassouri](#), [Michel Verleysen](#)

February 1999 Neural Processing Letters

**Publisher:** Kluwer Academic Publishers

 Additional Information: [full citation](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

#### 3 [Computerized tomography](#)

[Gabor T. Herman](#)

January 2002

Computer graphics companion

**Publisher:** Macmillan Press Ltd.

 Additional Information: [full citation](#), [references](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

#### 4 [University of British Columbia & Simon Fraser University - The Bricolage](#)

[William Chao](#), [Daniel Ha](#), [Kevin Ho](#), [Linda Kaastra](#), [Minjung Kim](#), [Andrew Wade](#), [Brian Fisher](#)

 October 2007 **VAST '07: Proceedings of the 2007 IEEE Symposium on Visual Analytics Science and Technology 2007**
**Publisher:** IEEE Computer Society

 Full text available: [Publisher Site](#)

 Additional Information: [full citation](#), [abstract](#)
**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

This abstract presents a bricolage approach to the 2007 VAST contest. The analytical process we used is presented across four stages of sensemaking. Several tools were used throughout our approach, and we present their strengths and weaknesses for specific ...

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## 5 [Similarity Measurement Between Images](#)

[Chaur-Chin Chen, Hsueh-Ting Chu](#)

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02**, Volume 02

**Publisher:** IEEE Computer Society

Full text available:  [Publisher](#)  
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Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

Experimental results of applying two similarity measurements, Euclidean distance and chord distance, to test a set of six Brodatz's textures are reported. Experiments show that in addition to feature extraction, A similarity measurement between images ...

Also published in:

July 2005 **COMPSAC '05: Proceedings of the 29th Annual International Computer Software and Applications Conference - Volume 02**

Volume 02

## 6 [Global stabilization for systems evolving on manifolds](#)

[M. Malisoff, M. Krichman, E. Sontag](#)

April 2006 **Journal of Dynamical and Control Systems**, Volume 12 Issue 2

**Publisher:** Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

We show that any globally asymptotically controllable system on any smooth manifold can be globally stabilized by a state feedback. Since we allow discontinuous feedbacks, we interpret the solutions of our systems in the "sample and hold" sense introduced ...


**Keywords:** asymptotic controllability, control systems on manifolds, input-to-state stabilization

## 7 [Discovery of Web Services Based on Collaborated Semantic Link Network](#)

[Fangfang Liu, Xiangfeng Luo, Zheng Xu, Xuhui Liu](#)

July 2008 **WSCS '08: Proceedings of the IEEE International Workshop on Semantic Computing and Systems - Volume 00**, Volume 00

**Publisher:** IEEE Computer Society

Full text available:  [Publisher](#)  
[Site](#)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Web service becomes an important paradigm for internet application. To realize users' complex requirements, services with different functions, but sharing common features, should be selected quickly from a huge number of services on internet to ...

**Keywords:** Web service, discovery, collaboration

## 8 [Journal of Mathematical Imaging and Vision: Volume 18 Issue 2](#)

March 2003 **Journal of Mathematical Imaging and Vision**

**Publisher:** Kluwer Academic Publishers

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

## 9 [Visually-Driven Decision Making Using Handheld Devices](#)

[Gustavo Zunta](#), [Pedro Antunes](#), [Nelson Balci](#), [Felipe Bayteiman](#), [Antonio Farias](#)

June Proceeding of the 2008 conference on Collaborative Decision Making: Perspectives and Challenges 2008

**Publisher:** IOS Press

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

This paper discusses group decision making from a visual-interactive perspective. The novelty of our approach is that its major focus is on developing a collection of visual-interactive elements for group decision-making. Our research departs from a ...


**Keywords:** Decision-Making Elements, Group Support Systems, Handheld Devices

## 10 [Supporting RFID-based item tracking applications in Oracle DBMS using a bitmap datatype](#)

[Ying Hu](#), [Seema Sundara](#), [Timothy Chorma](#), [Jagannathan Srinivasan](#)

August VLDB '05: Proceedings of the 31st international conference on Very large data bases 2005

**Publisher:** VLDB Endowment

Full text available:  Pdf (200.93 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 350, Downloads (12 Months): 984, Downloads (Overall): 1801, Citation Count: 8

Radio Frequency Identification (RFID) based item-level tracking holds the promise of revolutionizing supply-chain, retail store, and asset management applications. However, the high volume of data generated by item-level tracking poses challenges to ...

## 11 [An \$O\(n \log n\)\$ algorithm for the generalized birthday problem](#)

[Frank K. Hwang](#), [Paul E. Wright](#)

February 1997 Computational Statistics & Data Analysis , Volume 23 Issue 4

**Publisher:** Elsevier Science Publishers B. V.

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0


**Keywords:** birthday problems, clustering, complexity, reliability

## 12 [Information Theoretic Focal Length Selection for Real-Time Active 3-D Object Tracking](#)

[J. Denzler](#), [M. Zobel](#), [H. Niemann](#)

October ICCV '03: Proceedings of the Ninth IEEE International Conference on Computer Vision - Volume 2 , Volume 2 2003

**Publisher:** IEEE Computer Society

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 4


Active object tracking, for example, in surveillance tasks, becomes more and more important these days. Besides the tracking algorithms themselves methodologies have to be developed for reasonable active control of the degrees of freedom of all involved ...

## 13 [Square Rooting Algorithms for Integer and Floating-Point Numbers](#)

[R. Hashemian](#)

August 1990 IEEE Transactions on Computers , Volume 39 Issue 8

**Publisher:** IEEE Computer Society

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

An algorithm for evaluating the square root of integers and real numbers is developed. The procedure consists of two parts: one to obtain a close estimate of the square root and the other to modify the initial value, iteratively, until a precise root ...

**Keywords:** bit-shift operation, close estimate, digital arithmetic, division by 2, fast converging iteration, floating-point numbers, initial value modification, integer numbers, iterative methods, number theory., precise root, real numbers, square rooting algorithms

**14** [Simple and efficient scheduling scheme in sensor networks](#)

[Ensaf A. Aizurqa](#), [Hesham N. Elmahdy](#), [Gamal Darwish](#)

August 2008 **AI C'08**: Proceedings of the 8th conference on Applied informatics and communications

**Publisher:** World Scientific and Engineering Academy and Society (WSEAS)

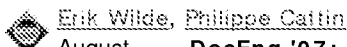
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**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

The design of data communication protocols in wireless sensor networks often take into account real-time delivery of reports of the mission critical applications. The sensed data need to be delivered with some real-time constraints, such as end-to-end ...

**Keywords:** braided routing, multipaths routing, real-time communication, scheduling scheme, sensor networks

**15** [Presenting in html](#)



[Erik Wilde](#), [Philippe Cattin](#)

August 2007 **DocEng '07**: Proceedings of the 2007 ACM symposium on Document engineering

**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (207.13 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 159, Downloads (12 Months): 393, Downloads (Overall): 445, Citation Count: 0

The management and publishing of complex presentations is poorly supported by available presentation software. This makes it hard to publish usable and accessible presentation material, and to reuse that material for continuously evolving events. XSLidy ...

**Keywords:** XSLidy, presentation

**16** [Improvement of efficiency in generating random U\(1\) variables with Boltzmann distribution \(von Mises distribution revisited\)](#)

[Tetsuya Hattori](#), [Hideo Nakajima](#)

October 1995 **Journal of Computational Physics**, Volume 121 Issue 2

**Publisher:** Academic Press Professional, Inc.

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**17** [Applications of pattern recognition in medicine](#)

[John Richard Thompson](#)

January 1985 **Applications of pattern recognition in medicine**

**Publisher:** Open University (United Kingdom)

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**18** [Bar-code scanning for applications for patents](#)

[Jeff Cochran](#)

March 1986 **Computers and People**, Volume 35 Issue 3-4

**Publisher:** Berkeley Enterprises Inc.

Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

**19** [How to Program Javabeans](#)

[Peter Coiffe](#), [Randy Weems](#), [Leong](#), [Michael Morrison](#)

April 1997

How to Program Javabeans

**Publisher:** Macmillan Publishing Co., Inc.

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

From the Publisher: JavaBeans allows developers to build components that make development quicker and easier, link to other component models, and successfully work with applets to create new applications. As the only full-color book on this technology, ...

**20** [Verifying deep logic hierarchies with ALEX](#)



[George M. Koppelman](#), [Klim Maling](#)

June 1980

**DAC '80:** Proceedings of the 17th Design Automation Conference

**Publisher:** ACM

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Full text available: Pdf (728.59 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 5, Downloads (Overall): 57, Citation Count: 2

A logic design whose structure has the form of a hierarchy is easily verified in a conversational environment. The verification process is based on an explicit methodology, supported by appropriate utilities. The paper describes the verification of the ...

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